

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application. By the present amendment, claims 1-9, 11-17, 19 and 21 have been amended. Claims 1-22 are pending in the application.

Listing of Claims:

Claim 1. (*Currently Amended*) A data signal line driving method for driving a plurality of data signal lines respectively so as to fetch a multiphased video signal via a plurality of video signal lines into the data signal lines,

said method comprising the steps of:

gathering data signal line groups, each group comprising ~~made up~~ of a predetermined number of the adjacent data signal lines sequentially connected to each of the video signal line lines, ~~whose number is the~~ predetermined number of adjacent data signal lines being equal to the ~~same as the number of the video signal lines, said a number of~~ data signal line groups equal to the number of video signal lines being regarded as a single block; and

fetching the video signal from the video signal lines into the data signal lines in each block.

Claim 2. (*Currently Amended*) A data signal line driving method for driving a plurality of data signal lines respectively so as to (i) multiphase a video signal having a plurality of color signals and (ii) fetch the video signal into the data signal lines,

said method comprising the steps of:

causing a plurality of divisional video signal lines, divided so as to respectively correspond to the color signals, to constitute each of the video signal lines;

gathering data signal line groups, each ~~made up of group~~ comprising a predetermined number of ~~the adjacent~~ data signal lines sequentially connected to each ~~of the~~ divisional video signal lines line so as to respectively correspond to the color signals, ~~whose number is the same as~~ the predetermined number of adjacent data signal lines being equal to the number of the video signal lines, said data signal line group being regarded as a single block; and

fetching the video signal from the video signal lines into the data signal lines in each block.

Claim 3. (*Currently Amended*) A data signal line driving circuit, which drives a plurality of data signal lines respectively so as to fetch a

multiphased video signal via a plurality of video signal lines into the data signal lines, comprising:

data signal line groups, each ~~made up of~~ group comprising a predetermined number of ~~the~~ adjacent data signal lines sequentially connected to each ~~of the~~ video signal lines line; and

a video signal fetching section for fetching the video signal from the video signal lines into the data signal lines in each block when gathering data signal line groups, each ~~made up of~~ group comprising a predetermined number of ~~the~~ adjacent data signal lines sequentially connected to each ~~of the~~ video signal lines line, ~~whose number is the same as the~~ predetermined number of adjacent data signal lines being equal to the number of the video signal lines, ~~said~~ a number of data signal line groups equal to the number of video signal lines being regarded as a single block.

Claim 4. (*Currently Amended*) The data signal line driving circuit as set forth in claim 3, wherein the video signal fetching section includes drive switching means for switching between (i) first driving in which ~~each of~~ the data signal lines of one of the data signal line groups in the block and ~~each of~~ the data signal lines of another one of the data signal line groups in the block are driven at the same time and

(ii) second driving in which all the data signal lines of the data signal line groups are driven at the same time.

Claim 5. (*Currently Amended*) The data signal line driving circuit as set forth in claim 4, wherein:

the video signal fetching section includes one or more shift ~~resisters~~ registers for generating a timing pulse causing the video signal to be fetched from the video signal lines to the data signal lines, and

the drive switching means switches between the first driving and the second driving so that the number of the shift ~~resisters~~ registers that operate is varied in switching between the first driving and the second driving.

Claim 6. (*Currently Amended*) The data signal line driving circuit as set forth in claim 5, wherein the video signal fetching section includes stopping means for stopping operation of the shift ~~resister~~ register which is not required in driving the data signal lines after switching the drive switching means between the first driving and the second driving.

Claim 7. (*Currently Amended*) The data signal line driving circuit as set forth in claim 3, wherein the video signal fetching section includes a drive switching circuit for switching between (i) first driving in which ~~each of~~ the data signal lines of one of the data signal line groups in the block and ~~each of~~ the data signal lines of another one of the data signal line groups in the block are driven at the same time and (ii) second driving in which all the data signal lines of the data signal line groups are driven at the same time.

Claim 8. (*Currently Amended*) The data signal line driving circuit as set forth in claim 7, wherein:

the video signal fetching section includes one or more shift ~~resisters~~ registers for generating a timing pulse causing the video signal to be fetched from the video signal lines to the data signal lines, and

the drive switching circuit switches between the first driving and the second driving so that the number of the shift ~~resisters~~ registers that operate is varied in switching between the first driving and the second driving.

Claim 9. (*Currently Amended*) The data signal line driving circuit as set forth in claim 8, wherein the video signal fetching section includes stopping means for stopping operation of the shift ~~resister~~

register which is not required in driving the data signal lines after switching the drive switching circuit between the first driving and the second driving.

Claim 10. (*Original*) The data signal line driving circuit as set forth in claim 3, wherein the data signal line groups are data signal line sets each of which is made up of a predetermined number of data signal lines respectively corresponding to color signals contained in the video signal fetched into the data signal lines.

Claim 11. (*Currently Amended*) A data signal line driving circuit, which drives a plurality of data signal lines respectively so as to (i) multiphase a video signal having a plurality of color signals and (ii) fetch the video signal into the data signal lines, comprising:

a plurality of divisional video signal lines, divided so as to respectively correspond to the color signals, which constitute each of the video signal lines; and

a video signal fetching section for fetching the video signal from the video signal lines into the data signal lines in each block when gathering data signal line groups, each ~~made up of~~ group comprising a

predetermined number of ~~the~~ adjacent data signal lines sequentially connected to each ~~of the~~ divisional video signal lines line so as to respectively correspond to the color signals, ~~whose number is the same as the predetermined number of data signal lines being equal to the~~ number of the video signal lines, said data signal line group being regarded as a single block.

Claim 12. (*Currently Amended*) The data signal line driving circuit as set forth in claim 11, wherein the video signal fetching section includes drive switching means for switching between (i) first driving in which ~~each of~~ the data signal lines of one of the data signal line groups in the block and ~~each of~~ the data signal lines of another one of the data signal line groups in the block are driven at the same time and (ii) second driving in which all the data signal lines of the data signal line groups are driven at the same time.

Claim 13. (*Currently Amended*) The data signal line driving circuit as set forth in claim 12, wherein:

the video signal fetching section includes one or more shift ~~resisters~~ registers for generating a timing pulse causing the video signal to be fetched from the video signal lines to the data signal lines, and

the drive switching means switches between the first driving and the second driving so that the number of the shift ~~resisters~~ registers that operate is varied in switching between the first driving and the second driving.

Claim 14. (*Currently Amended*) The data signal line driving circuit as set forth in claim 13, wherein the video signal fetching section includes stopping means for stopping operation of the shift ~~resister~~ register which is not required in driving the data signal lines after switching the drive switching means between the first driving and the second driving.

Claim 15. (*Currently Amended*) The data signal line driving circuit as set forth in claim ~~14~~ 11, wherein the video signal fetching section includes a drive switching circuit for switching between (i) first driving in which ~~each of~~ the data signal lines of one of the data signal line groups in the block and ~~each of~~ the data signal lines of another one of the data signal line groups in the block are driven at the same time and (ii) second driving in which all the data signal lines of the data signal line groups are driven at the same time.

Claim 16. (*Currently Amended*) The data signal line driving circuit as set forth in claim 15, wherein:

the video signal fetching section includes a shift ~~resister~~ register for generating a timing pulse causing the video signal to be fetched from the video signal lines to the data signal lines, and

the drive switching circuit switches between the first driving and the second driving so that the number of the shift ~~resisters~~ registers that operate is varied in switching between the first driving and the second driving.

Claim 17. (*Currently Amended*) The data signal line driving circuit as set forth in claim 16, wherein the video signal fetching section includes stopping means for stopping operation of the shift ~~resister~~ register which is not required in driving the data signal lines after switching the drive switching circuit between the first driving and the second driving.

Claim 18. (*Original*) The data signal line driving circuit as set forth in claim 11, wherein the data signal line groups are data signal line sets each of which is made up of a predetermined number of the data signal

lines corresponding to color signals contained in the video signal
fetched into the data signal lines.

Claim 19. (*Currently Amended*) A display device, comprising:

a display panel which includes (i) a plurality of data signal lines,
(ii) a plurality of scanning signal lines provided so as to cross the data
signal lines, and (iii) pixels provided on intersections of the data signal
lines and the scanning signal lines, a video signal for displaying an
image being fetched from the data signal lines into the pixels in
synchronism with a scanning signal supplied from the scanning signal
lines, said video signal being retained;

a data signal line driving circuit for outputting the video signal to
the data signal lines in synchronism with a predetermined timing
signal; and

a scanning signal line driving circuit for outputting the scanning
signal to the scanning signal lines in synchronism with a predetermined
timing signal, said video signal being multiphased, and being supplied
to the data signal lines via a plurality of video signal lines, wherein

the data signal line driving circuit, which drives said plurality of
data signal lines respectively so as to fetch the multiphased video

signal via said plurality of video signal lines into the data signal lines,
includes:

data signal line groups, each ~~made up of~~ group comprising a
predetermined number of ~~the~~ adjacent data signal lines sequentially
connected to each ~~of the~~ video signal lines line; and

a video signal fetching section for fetching the video signal from
the video signal lines into the data signal lines in each block when
gathering data signal line groups, each ~~made up of~~ group comprising a
predetermined number of ~~the~~ adjacent data signal lines sequentially
connected to each ~~of the~~ video signal lines line, ~~whose number is the~~
~~same as~~ the predetermined number of adjacent data signal lines being
equal to the number of the video signal lines, ~~said~~ a number of data
signal line groups equal to the number of video signal lines being
regarded as a single block.

Claim 20. (*Original*) The display device as set forth in claim 19,
wherein the data signal line driving circuit, the scanning signal line
driving circuit, and the pixels are formed on the same substrate.

Claim 21. (*Currently Amended*) A display device, comprising:

a display panel which includes (i) a plurality of data signal lines, (ii) a plurality of scanning signal lines provided so as to cross the data signal lines, and (iii) pixels provided on intersections of the data signal lines and the scanning signal lines, a video signal for displaying an image being fetched from the data signal lines into the pixels in synchronism with a scanning signal supplied from the scanning signal lines, said video signal being retained;

a data signal line driving circuit for outputting the video signal to the data signal lines in synchronism with a predetermined timing signal; and

a scanning signal line driving circuit for outputting the scanning signal to the scanning signal lines in synchronism with a predetermined timing signal, said video signal being multiphased, and being supplied to the data signal lines via a plurality of video signal lines, wherein

the data signal line driving circuit, which drives a plurality of data signal lines respectively so as to (a) multiphase the video signal having a plurality of color signals and (b) fetch the video signal into the data signal lines, includes:

a plurality of divisional video signal lines, divided so as to respectively correspond to the color signals, which constitute each of the video signal lines; and

a video signal fetching section for fetching the video signal from the video signal lines into the data signal lines in each block when gathering data signal line groups, each ~~made up of~~ group comprising a predetermined number of ~~the~~ adjacent data signal lines sequentially connected to each ~~of the~~ divisional video signal lines line so as to respectively correspond to the color signals, ~~whose number is the same as the predetermined number of adjacent data signal lines being equal~~ to the number of the video signal lines, said data signal line group being regarded as a single block.

Claim 22. (*Original*) The display device as set forth in claim 21, wherein the data signal line driving circuit, the scanning signal line driving circuit, and the pixels are formed on the same substrate.